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Oct. 16. Sky clear near planet and definition good at reappearance of satellite I. The satellite was suspected at the recorded time, but I was certain of it $12\frac{1}{2}$ seconds later.
19. Steadiness and definition very satisfactory.
21. Images steady and well defined, but sky very hazy.
Dec. 1. Sky hazy near planet, which was rather low for good observation.

The observations of December 1 were made with the $4\frac{1}{2}$-inch equatorial, and all the others with the 8-inch instrument. An occulting-bar was not employed in the eclipse observations, and the observations of full brightness are only rough approximations. The times given throughout are the Windsor mean times diminished by $10^h\ 3^m\ 20^s{\cdot}5$, and entered to the nearest second. This communication contains all the phenomena of *Jupiter's* satellites observed here since those published for 1898 and 1899 in vol. lx. of the *Monthly Notices*.

*Observatory, Peninsula, Windsor, N. S. Wales:*
1905 *October* 1.

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## *Results of Micrometer Measures of Double Stars made with the 28-inch Refractor at the Royal Observatory, Greenwich, in the year* 1904.

(*Communicated by the Astronomer Royal.*)

The measures were made with a bifilar position-micrometer on the 28-inch refractor, focal length 28 feet. The power generally employed was 670, but when definition permitted a power of 1120 was employed for observing very close pairs. When bright stars were observed a blue glass shade was usually employed to diminish the light and irradiation. The observations were made in variously coloured fields or in a dark field with illuminated wires. The initials in the last column are those of the observers, viz.:

L. Mr. Lewis. H. F. Mr. Furner.
W. B. Mr. Bowyer.

On nights when the definition was not sufficiently good for measuring stars in the ordinary Working List, the time was spent in measuring stars from a Supplementary List, made up of Struve stars which have been neglected, or which require periodical observation at intervals of ten years or so, and of miscellaneous stars in which the companion is very faint. As measures of such pairs are not of immediate interest, a list only of the stars observed is given here, the publication of the measures, as well as of the individual results of the observations

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of the other stars, being reserved for the volume of *Greenwich Observations* for 1904.

In general the present list of measures is confined to stars of which the separation is under 4″, or which show orbital movement.

### *Stars in the Supplementary List observed in* 1904.

#### Struve Stars.

Σ 183
200
214
224
240
260
273
412
420
444
449
450
452
458
524
529
582
603
616
625
662
669
674
680
683
706
718
877

Σ 899
929
953
958
986
1018
1027
1066
1174
1184
1200
1204
1212
1218
1220
1237
1239
1246
1251
1259
1262
1274
1278
1288
1293
1297
1301
1321

Σ 1375
1421
1443
1459
1555 A.C.
1835
2001
2006 A.C.
2014
2016
2029
2030
2043
2072
2076
2079
2085
2087
2102
2103
2135
2147
2164
2172
2174
2175
2176
2177

Σ 2178
2184
2193
2194
2198
2201
2225
2225$^2$
2226
2237
2255
2263
2265
2266
2283
2304
2313
2319
2321
2322
2329
2333
2335
2336
2341
2345
2351
2385

Σ 2395
2428
2429
2450
2587
2615
2618
2621
2622
2628
2631
2633
2634
2635
2639
2663
2664
2680
2691
2704 A.C.
2704 A.D.
2718
2725
2731
2747
2759
2760
2761

Σ 2769
2792
2814
2829
2834
2841
2861
2876
2895
2908
2910
2931
2941
2945
2949
2957
2967
2978
3006
3007
3021
3024
3040
3042
3043
3044
3048
3058

#### Otto Struve Stars.

OΣ 230, 304 and 444.

#### Hough Stars.

Ho. 67, 84, 252, 259, 377, 551, 557, 582.

#### Burnham, 45.

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*Micrometric Observations of Double Stars at the Royal Observatory, Greenwich.*

| Star's Name. | | R.A. 1900. | N.P.D. 1900. | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1904. | Obs. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | h m | ° ′ | ° | ″ | | | | | |
| Σ 3060... | ... | 0 1 | 72 29 | 121·6 | 3·72 | 2 | 8·5 | 8·7 | ·946 | W.B. |
| A.G. 56 | ... | 0 12 | 68 47 | 132·2 | 2·11 | 1 | 8·9 | 9·4 | ·841 | W B |
| Σ 25 ... | ... | 0 14 | 74 34 | 191·4 | 1·44 | 1 | 8·5 | 8·5 | ·841 | W.B. |
| Σ 67 ... | ... | 0 47 | 79 56 | 358·7 | 1·93 | 1 | 8·3 | 9·0 | ·841 | W.B. |
| Σ 73 ... | ... | 0 50 | 66 55 | 24·4 | 0·95 | 3 | 6·2 | 6·8 | ·591 | W.B. |
| | | | | 25·7 | 0·81 | 1 | ... | | ·865 | H.F. |
| Σ 137 ... | ... | 1 30 | 59 14 | 88·3 | 3·38 | 1 | 8·2 | 9·0 | ·088 | W.B. |
| Σ 138 ... | ... | 1 31 | 82 52 | 40·1 | 1·52 | 2 | 7·3 | 7·3 | ·882 | W.B. |
| | | | | 37·1 | 1·28 | 1 | ... | | ·865 | H.F. |
| Σ 140 ... | ... | 1 33 | 49 25 | 175·1 | 3·54 | 2 | 8·5 | 9·2 | ·091 | W.B. |
| Σ 178 ... | ... | 1 47 | 79 41 | 199·7 | 3·28 | 1 | 7·8 | 7·8 | ·865 | H.F. |
| β 260 ... | ... | 1 48 | 75 3 | 235·8 | 0·75 | 1 | 8·3 | 8·9 | ·865 | H.F. |
| Σ 194 ... | ... | 1 54 | 65 39 | 269·9 | 1·23 | 1 | 8·0 | 8·3 | ·969 | W.B. |
| OΣ 38 ... | ... | 1 58 | 48 9 | 113·4 | ... | 1 | 5·0 | 6·2 | ·123 | L. |
| Σ 205 ... | ... | 1 58 | 48 9 | 63·1 | 10·21 | 1 | 3·0 | 5·0 | ·123 | L. |
| Σ 208 ... | ... | 1 58 | 64 33 | 87·5 | 0·55 | 2 | 6·2 | 8·4 | ·529 | W.B. |
| | | | | 79·0 | 0·71 | 1 | ... | | ·096 | H.F. |
| Σ 226 ... | ... | 2 7 | 66 30 | 247·0 | 2·22 | 1 | 7·8 | 9·7 | ·088 | W.B. |
| Σ 269 ... | ... | 2 22 | 60 34 | 340·6 | 1·95 | 1 | 7·5 | 9·8 | ·969 | W.B. |
| Σ 305 ... | ... | 2 42 | 71 3 | 314·9 | 3·03 | 4 | 7·3 | 8·2 | ·031 | W.B. |
| | | | | 314·7 | 2·93 | 1 | ... | | ·096 | H.F. |
| Σ 333 ... | ... | 2 54 | 69 4 | 201·6 | 1·23 | 3 | 5·7 | 6·0 | ·023 | W.B. |
| | | | | 207·0 | 1·48 | 1 | ... | | ·096 | H.F. |
| Σ 346 ... | ... | 3 0 | 65 8 | 88·4 | 0·45 | 2 | 6·0 | 6·0 | ·504 | W B. |
| | | | | 94·7 | 0·54 | 1 | ... | | ·096 | H.F. |
| A.C. | ... | | | 356·8 | 5·22 | 1 | 6·0 | 10·8 | ·096 | H.F. |
| Σ 352 ... | ... | 3 3 | 54 56 | 359·1 | 3·64 | 2 | 8·2 | 10·3 | ·178 | W.B. |
| Σ 375 ... | ... | 3 15 | 66 40 | 315·0 | 2·41 | 1 | 8·0 | 10·1 | ·131 | W.B. |
| Σ 384 ... | ... | 3 20 | 30 27 | 269·2 | 1·82 | 1 | 7·8 | 9·0 | ·192 | W.B. |
| Σ 389 ... | ... | 3 22 | 30 59 | 59·4 | 2·65 | 1 | 7·0 | 8·0 | ·192 | W.B. |
| Σ 395 ... | ... | 3 23 | 61 17 | 104·0 | 1·83 | 1 | 8·5 | 10·0 | ·129 | L. |
| β 533 ... | ... | 3 29 | 58 39 | 53·8 | 0·57 | 1 | 7·5 | 7·5 | ·129 | L. |
| Σ 425 ... | ... | 3 34 | 56 10 | 271·1 | 2·42 | 2 | 7·3 | 7·3 | ·039 | W.B. |
| β 535 ... | ... | 3 38 | 58 2 | 55·8 | 1·00 | 1 | 3·8 | 8·5 | ·129 | L. |
| Σ 438 ... | ... | 3 38 | 67 35 | 242·7 | 1·86 | 1 | 8·5 | 10·5 | ·129 | L. |
| Σ 442 ... | ... | 3 39 | 67 36 | 259·8 | 2·97 | 1 | 9·0 | 9·5 | ·129 | L. |
| β 537 ... | ... | 3 41 | 65 28 | 201·2 | 0·86 | 1 | 8·4 | 9·8 | ·126 | L. |

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| Star's Name. | R.A. 1900. | N.P.D. 1900. | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|
| | h m | ° ′ | ° | ″ | | | | | |
| β 537 ... ... | 3 41 | 65 28 | 188·0 | 1·05 | 1 | 8·4 | 9·8 | ·131 | W.B. |
| Ho. 324 ... | 3 43 | 75 18 | 337·9 | 0·64 | 1 | 8·1 | 8·3 | ·022 | W.B. |
| Σ 457 ... ... | 3 44 | 67 37 | 103·0 | 1·12 | 1 | 8·8 | 8·8 | ·123 | L. |
| Hu. 24... ... | 3 52 | 78 48 | 273·8 | 1·10 | 1 | 8·5 | 11·3 | ·123 | L. |
| Hu. 25... ... | 3 53 | 78 10 | 321·6 | 0·75 | 1 | 8·6 | 9·1 | ·123 | L. |
| Σ 483 ... ... | 3 57 | 50 46 | 234·0 | 0·43 | 1 | 7·4 | 9·2 | ·129 | L. |
| | | | 239·2 | 0·57 | 1 | ... | | ·131 | W.B. |
| Σ 522 ... ... | 4 15 | 38 38 | 210·0 | 1·55 | 1 | 8·5 | 8·5 | ·164 | W.B. |
| OΣ 80 ... ... | 4 17 | 47 49 | 189·5 | 0·45 | 1 | 6·5 | 7·0 | ·131 | W.B. |
| Σ 535 ... ... | 4 18 | 78 51 | 327·2 | 1·60 | 2 | 6·7 | 8·2 | ·030 | W.B. |
| | | | 329·2 | 1·38 | 1 | ... | | ·096 | H.F. |
| Σ 553 ... ... | 4 25 | 39 9 | 132·0 | 3·06 | 1 | 8·0 | 8·5 | ·164 | W.B. |
| Σ 567 ... ... | 4 31 | 70 43 | 318·2 | 1·99 | 2 | 8·5 | 9·0 | ·036 | W.B. |
| | | | 322·2 | 1·93 | 1 | ... | | ·096 | H.F. |
| OΣ 86 ... ... | 4 31 | 70 27 | 67·8 | 0·49 | 1 | 7·5 | 7·5 | ·036 | L. |
| Σ 572 ... ... | 4 32 | 63 15 | 201·4 | 3·80 | 4 | 6·5 | 6·5 | ·037 | W.B. |
| | | | 201·8 | 3·56 | 2 | ... | | ·069 | H.F. |
| β 1238... ... | 4 55 | 63 36 | 12·4 | 1·41 | 2 | 8·1 | 11·5 | ·166 | L. |
| Hu. 445 ... | 4 56 | 69 19 | 290·4 | 0·47 | 1 | 8·5 | 8·8 | ·208 | L. |
| Hu. 446 ... | 5 1 | 67 24 | 180·6 | 0·83 | 1 | 9·2 | 9·8 | ·208 | L. |
| Σ 645 A. & $\frac{\text{B.C.}}{2}$ | 5 3 | 62 6 | 25·6 | 11·81 | 2 | 6·2 | 8·2 | ·175 | L. |
| β 1047 B.C. ... | | | 54·5 | 0·49 | 1 | 8·2 | 8·8 | ·208 | L. |
| OΣ 103 ... | 5 12 | 56 44 | 57·6 | 4·22 | 1 | 5·2 | 11·0 | ·206 | L. |
| β 886 C.D. ... | 5 16 | 56 18 | 247·5 | 0·92 | 1 | 9·2 | 10·0 | ·219 | L. |
| Σ 687 A.B. ... | | | 68·2 | 17·27 | 1 | 8·2 | 9·0 | ·219 | L. |
| β 888 ... ... | 5 18 | 52 42 | 170·3 | 8·60 | 1 | 6·0 | 12·0 | ·219 | L. |
| Σ 715 A.B. ... | 5 23 | 48 48 | 200·1 | 0·63 | 1 | 8·2 | 8·9 | ·219 | L. |
| | | | 51·0 | 19·45 | 1 | 8·2 | 11·5 | ·219 | L. |
| Σ 719 A.C. ... | 5 24 | 60 32 | 351·4 | 15·01 | 1 | 7·0 | 8·9 | ·118 | W.B. |
| | | | 349·5 | 15·14 | 1 | ... | | ·183 | H.F. |
| A.B. ... | | | 328·9 | 0·82 | 1 | 7·0 | 9·5 | ·183 | H.F. |
| Σ 749 ... ... | 5 31 | 63 8 | 168·9 | 0·79 | 2 | 7·0 | 7·1 | ·036 | W.B. |
| Σ 778 ... ... | 5 38 | 59 7 | 184·0 | 3·09 | 1 | 7·7 | 9·0 | ·203 | W.B. |
| Σ 821 ... ... | 5 52 | 60 22 | 0·3 | 2·29 | 1 | 8·0 | 9·8 | ·205 | W.B. |
| Σ 867 ... ... | 6 6 | 72 34 | 154·3 | 2·13 | 1 | 7·0 | 8·6 | ·203 | L. |
| Σ 881 ... ... | 6 13 | 30 35 | 103·2 | 0·87 | 1 | 6·4 | 7·9 | ·274 | L. |
| Σ 888 A.C. ... | 6 14 | 61 32 | 251·9 | 3·04 | 2 | 7·5 | 9·2 | ·076 | W B. |

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| Star's Name. | R.A. 1900. | N.P.D. 1900. | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|
| | h m | ° ′ | ° | ″ | | | | | |
| Σ 899 ... ... | 6 17 | 72 23 | 21·5 | 2·18 | 2 | 7·0 | 8·0 | ·036 | W.B. |
| OΣ 149 ... | 6 30 | 62 38 | 260·2 | 1·47 | 1 | 6·5 | 9·0 | ·219 | L. |
| Σ 936 ... ... | 6 31 | 31 49 | 273·3 | 1·29 | 1 | 7·0 | 8·7 | ·274 | L. |
| Σ 942 ... ... | 6 32 | 66 16 | 244·8 | 3·87 | 2 | 9·0 | 9·2 | ·289 | W.B. |
| Σ 945 ... ... | 6 33 | 48 56 | 272·8 | 0·84 | 1 | 7·1 | 8·0 | ·274 | L. |
| Σ 946 ... ... | 6 36 | 30 24 | 126·8 | 3·96 | 1 | 7·1 | 9·0 | ·274 | L. |
| Σ 948 A.B. ... | 6 37 | 30 28 | 116·0 | 1·41 | 1 | 5·2 | 6·1 | ·274 | L. |
| A.C. ... | | | 305·8 | 8·23 | 1 | 5·2 | 7·4 | ·274 | L. |
| A.G.C. 1 Sirius | 6 41 | 106 34 | 112·9 | 5·82 | 1 | −1·4 | 10·0 | ·186 | L. |
| Σ 964 ... ... | 6 43 | 46 8 | 193·2 | 1·83 | 1 | 8·3 | 9·0 | ·205 | W.B. |
| Σ 991 ... ... | 6 51 | 64 50 | 168·9 | 3·74 | 1 | 8·0 | 9·0 | ·219 | L. |
| Σ 1001 A.B. ... | 6 55 | 35 41 | 64·6 | 9·05 | 1 | 7·1 | 8·7 | ·274 | L. |
| B.C. ... | | | 357·0 | 1·45 | 1 | 8·7 | 9·0 | 274 | L. |
| Σ 1008... ... | 6 56 | 63 15 | 272·6 | 2·53 | 2 | 8·0 | 10·0 | ·300 | W.B. |
| Σ 1024... ... | 7 3 | 51 41 | 316·0 | 1·28 | 2 | 8·3 | 8·8 | ·294 | W.B. |
| Σ 1037... ... | 7 7 | 62 36 | 295·6 | 0·75 | 2 | 7·1 | 7·1 | ·162 | W.B. |
| | | | 303·0 | 0·71 | 1 | ... | | ·183 | H.F. |
| Σ 1070... ... | 7 15 | 55 46 | 323·5 | 2·04 | 1 | 8·2 | 9·2 | ·279 | W.B. |
| Σ 1074 A.B. ... | 7 15 | 89 25 | 146·0 | 0·43 | 1 | 7·8 | 8·2 | ·192 | L. |
| A C. ... | | | 104·2 | 12·12 | 1 | 7·8 | 13·0 | ·192 | L. |
| A.D. ... | | | 12·6 | 16·05 | 1 | 7·8 | 13·0 | ·192 | L. |
| Ho. 243 ... | 7 16 | 60 33 | 168·9 | 2·81 | 1 | 9·3 | 9·5 | ·219 | L. |
| Σ 1079 A.B. ... | 7 18 | 51 57 | 331·7 | 5·87 | 1 | 8·5 | 10·0 | ·290 | W.B. |
| C.D. ... | | | 63·1 | 2·05 | 1 | 9·5 | 9·5 | ·290 | W.B. |
| Berlin (B.) 2941 | 7 20 | 67 43 | 174·3 | 2·06 | 1 | 8·7 | 10·3 | ·186 | L. |
| Σ 1093... ... | 7 23 | 39 49 | 147·0 | 0·54 | 3 | 8·2 | 8·2 | ·296 | W.B. |
| Σ 1110... ... | 7 28 | 57 53 | 223·9 | 5·67 | 2 | 2·7 | 3·7 | ·161 | W.B. |
| Procyon ... | 7 34 | 84 31 | 355·2 | 4·93 | 2 | 1·0 | 9·0 | ·294 | W.B. |
| Σ 1126... ... | 7 35 | 84 32 | 149·9 | 1·12 | 1 | 7·2 | 7·5 | ·183 | H.F. |
| | | | 146·9 | 1·01 | 1 | ... | | ·192 | W.B. |
| | | | 144·8 | 1·00 | 1 | ... | | ·219 | L. |
| Ho. 247 ... | 7 40 | 68 42 | 107·4 | 0·39 | 1 | 7·5 | 8·0 | ·263 | W.B. |
| Σ 1147... ... | 7 44 | 65 13 | 164·7 | 2·42 | 1 | 9·0 | 9·0 | ·279 | W.B. |
| Σ 1165... ... | 7 54 | 35 7 | 274·5 | 0·58 | 1 | 8·0 | 10·3 | ·290 | W.B. |
| Σ 1172... ... | 7 57 | 34 59 | 244·0 | 1·68 | 1 | 7·6 | 9·4 | ·290 | W.B. |
| β 581 $\frac{\text{A.B.}}{2}$ & C. | 7 59 | 77 26 | 194·4 | 4·69 | 1 | 8·3 | 11·0 | ·312 | L. |
| Σ 1187... ... | 8 3 | 57 29 | 44·1 | 2·29 | 2 | 7·1 | 8·0 | ·199 | W.B. |

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| Star's Name. | R.A. 1900. | | N.P.D. 1900. | | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | m | ° | ′ | ° | ″ | | | | | |
| Σ 1187... ... | 8 | 3 | 57 | 29 | 46·1 | 2·17 | 2 | 7·1 | 8·0 | ·257 | L. |
| Σ 1196 A.B. ... | 8 | 6 | 72 | 3 | 351·5 | 1·11 | 3 | 5·0 | 5·7 | ·252 | W.B. |
| | | | | | 355·0 | 0·88 | 1 | ... | | ·288 | H.F. |
| A.C. ... | | | | | 110·2 | 5·43 | 3 | 5·0 | 6·5 | ·252 | W.B. |
| B.C. ... | | | | | 122·6 | 6·08 | 2 | 5·7 | 6·5 | ·228 | W.B. |
| $\frac{\text{A.B.}}{2}$ & C. | | | | | 118·3 | 5·66 | 1 | 5·0 | 6·5 | ·301 | W.B. |
| Σ 1197... ... | 8 | 7 | 60 | 8 | 105·0 | 1·71 | 1 | 8·2 | 9·0 | ·295 | L. |
| Σ 1202... ... | 8 | 8 | 78 | 51 | 315·3 | 2·53 | 1 | 7·7 | 9·8 | ·192 | W.B. |
| Ho. 524 ... | 8 | 10 | 71 | 0 | 340·1 | 3·80 | 1 | 8·0 | 11·0 | ·312 | L. |
| Σ 1211... ... | 8 | 12 | 50 | 42 | 126·2 | 1·06 | 1 | 8·7 | 9·2 | ·295 | L. |
| Ho. 525 ... | 8 | 17 | 69 | 40 | 147·5 | 0·47 | 1 | 8·5 | 8·5 | ·241 | W.B. |
| | | | | | 161·2 | 0·61 | 2 | ... | | ·308 | L. |
| Σ 1225... ... | 8 | 22 | 38 | 29 | 192·8 | 3·75 | 1 | 8·5 | 8·5 | ·298 | W.B. |
| Σ 1235... ... | 8 | 26 | 32 | 44 | 85·1 | 1·24 | 1 | 8·0 | 10·0 | ·337 | W.B. |
| Σ 1242... ... | 8 | 29 | 42 | 32 | 175·1 | 2·60 | 1 | 8·6 | 9·3 | ·295 | L. |
| Σ 1244... ... | 8 | 31 | 47 | 51 | 1·0 | 3·68 | 1 | 8·2 | 9·8 | ·295 | L. |
| Berlin (B.) 3449 | 8 | 31 | 66 | 24 | 6·1 | 1·74 | 1 | 9·2 | 10·2 | ·304 | L. |
| β 585 ... ... | 8 | 35 | 69 | 10 | 103·0 | 0·47 | 2 | 7·7 | 9·0 | ·308 | L. |
| Ho. 354 ... | 8 | 37 | 63 | 35 | 182·8 | 1·00 | 2 | 8·2 | 8·8 | ·247 | L. |
| β 209 ... ... | 8 | 37 | 50 | 50 | 181·9 | 1·51 | 1 | 8·2 | 8·7 | ·295 | L. |
| Ho. 251 ... | 8 | 40 | 64 | 19 | 154·5 | 4·01 | 1 | 8·5 | 12·2 | ·304 | L. |
| Σ 1273 A.B. ... | 8 | 41 | 83 | 13 | 147·1 | 0·23 | 2 | 3·8 | 6·0 | ·245 | L. |
| | | | | | 144·2 | 0·25 | 2 | ... | | ·294 | W.B. |
| $\frac{\text{A.B.}}{2}$ & C. | | | | | 236·0 | 3·40 | 3 | 3·8 | 7·7 | ·260 | W.B. |
| | | | | | 231·7 | 3·58 | 3 | ... | | ·264 | L. |
| Σ 1279... ... | 8 | 43 | 50 | 3 | 268·1 | 1·38 | 1 | 8·3 | 8·3 | ·295 | L. |
| Σ 1275... ... | 8 | 44 | 32 | 6 | 14·4 | 1·97 | 1 | 8·0 | 8·0 | ·312 | L. |
| Ho. 40... ... | 8 | 45 | 58 | 13 | 286·5 | 0·69 | 1 | 9·0 | 9·3 | ·312 | L. |
| Berlin (B.) 3559 | 8 | 45 | 66 | 30 | 74·1 | 1·98 | 1 | 9·0 | 9·1 | ·304 | L. |
| Σ 1289... ... | 8 | 48 | 46 | 2 | 4·4 | 3·90 | 1 | 7·0 | 8·5 | ·301 | W.B. |
| Σ 3121... ... | 9 | 12 | 61 | 0 | 26·9 | 0·49 | 3 | 7·5 | 7·8 | ·273 | W.B. |
| | | | | | 18·6 | 0·75 | 1 | ... | | ·304 | L. |
| Ho. 43... ... | 9 | 13 | 68 | 47 | 283·4 | 0·46 | 1 | 8·0 | 8·5 | ·241 | W.B. |
| OΣ 201 ... | 9 | 18 | 61 | 39 | 226·0 | 1·49 | 2 | 7·5 | 9·0 | ·232 | W.B. |
| | | | | | 218·1 | 1·64 | 1 | ... | | ·312 | L. |
| Σ 1348... ... | 9 | 19 | 83 | 13 | 317·8 | 1·78 | 1 | 7·5 | 7·6 | ·192 | W.B. |
| Σ 1374... ... | 9 | 35 | 50 | 35 | 287·9 | 3·46 | 1 | 7·0 | 8·3 | ·342 | L. |

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| Star's Name. | R.A. 1900. | | N.P.D. 1900. | | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | m | ° | ′ | ° | ″ | | | | | |
| Σ 1374... ... | 9 | 35 | 50 | 35 | 288·5 | 2·94 | 1 | 7·0 | 8·3 | ·383 | W.B. |
| Σ 1389... ... | 9 | 47 | 62 | 32 | 311·8 | 2·20 | 2 | 8·0 | 9·0 | ·291 | W.B. |
| W.B. (2) X 128–9 | 10 | 9 | 71 | 38 | 9·0 | 1·34 | 2 | 8·0 | 8·5 | ·252 | W.B. |
| | | | | | 6·7 | 1·57 | 1 | ... | | ·312 | L. |
| OΣ 215 ... | 10 | 11 | 71 | 46 | 210·5 | 0·79 | 3 | 7·0 | 7·2 | ·261 | W.B. |
| | | | | | 206·6 | 0·83 | 1 | ... | | ·288 | H.F. |
| Σ 1424... ... | 10 | 14 | 69 | 39 | 116·9 | 3·54 | 1 | 2·0 | 3·5 | ·301 | W.B. |
| | | | | | 117·9 | 3·81 | 1 | ... | | ·312 | L. |
| OΣ 217 ... | 10 | 21 | 72 | 16 | 146·7 | 0·85 | 2 | 7·3 | 7·8 | ·271 | W.B. |
| Σ 1426 A.B. ... | 10 | 15 | 83 | 4 | 286·3 | 0·71 | 1 | 7·5 | 8·0 | ·288 | H.F. |
| Σ 1429... ... | 10 | 20 | 64 | 53 | 256·0 | 1·06 | 3 | 8·3 | 8·3 | ·277 | W.B. |
| Σ 1457... ... | 10 | 34 | 83 | 46 | 317·7 | 1·15 | 1 | 7·6 | 8·5 | ·288 | H.F. |
| OΣ 228 ... | 10 | 42 | 66 | 54 | 193·2 | 0·45 | 1 | 7·2 | 8·1 | ·263 | W.B. |
| OΣ 229 ... | 10 | 42 | 48 | 21 | 320·4 | 0·78 | 2 | 6·7 | 7·1 | ·315 | W.B. |
| | | | | | 315·0 | 0·86 | 1 | ... | | ·312 | L. |
| Ho. 48... ... | 10 | 59 | 66 | 18 | 5·8 | 1·63 | 1 | 8·3 | 11·0 | ·263 | W.B. |
| | | | | | 8·8 | 1·58 | 2 | ... | | ·389 | L. |
| Σ 1504... ... | 10 | 59 | 85 | 49 | 291·1 | 0·96 | 1 | 7·5 | 7·6 | ·288 | H.F. |
| Ho 378 ... | 10 | 59 | 51 | 2 | 43·6 | 0·25 | 1 | 8·0 | 8·1 | ·397 | L. |
| Σ 1517... ... | 11 | 8 | 69 | 19 | 265·0 | 0·52 | 4 | 7·3 | 7·3 | ·268 | W.B. |
| | | | | | 267·3 | 0·43 | 2 | ... | | ·389 | L. |
| Lal. 21846 ... | 11 | 24 | 58 | 59 | 7·6 | 1·08 | 2 | 7·0 | 11·5 | ·389 | L. |
| OΣ 234 ... | 11 | 25 | 48 | 10 | 136·0 | 0·28 | 1 | 7·0 | 7·5 | ·340 | W.B. |
| | | | | | 146·8 | 0·32 | 2 | ... | | ·389 | L. |
| Ho. 51... ... | 11 | 27 | 81 | 34 | 181·9 | 2·89 | 2 | 7·0 | 11·5 | ·389 | L. |
| Σ 1554... ... | 11 | 31 | 76 | 36 | 256·3 | 0·93 | 1 | 8·8 | 8·8 | ·337 | W.B. |
| Σ 1555 A.B. ... | 11 | 31 | 61 | 40 | 349·5 | 0·31 | 2 | 6·4 | 6·8 | ·315 | W.B. |
| | | | | | 349·1 | 0·36 | 2 | ... | | ·389 | L. |
| OΣ 237 ... | 11 | 34 | 48 | 18 | 260·8 | 1·20 | 2 | 7·5 | 9·0 | ·389 | L. |
| Σ 1586... ... | 11 | 52 | 49 | 6 | 259·4 | 1·62 | 1 | 8·3 | 11·0 | ·380 | L. |
| Σ 1606... ... | 12 | 6 | 49 | 33 | 329·0 | 1·17 | 2 | 6·3 | 7·0 | ·389 | L. |
| | | | | | 334·2 | 1·58 | 1 | ... | | ·460 | H.F. |
| Ho. 536 ... | 12 | 16 | 54 | 26 | 102·8 | 3·63 | 1 | 8·5 | 9·7 | ·397 | L. |
| Σ 1639... ... | 12 | 19 | 63 | 52 | 3·9 | 0·45 | 1 | 6·7 | 7·9 | ·359 | L. |
| | | | | | 356·0 | 0·35 | 2 | ... | | ·428 | W.B. |
| Ho. 53... ... | 12 | 19 | 75 | 30 | 295·5 | 2·34 | 1 | 8·3 | 11·0 | ·337 | W.B. |
| Σ 1643... ... | 12 | 22 | 62 | 25 | 40·6 | 2·34 | 2 | 8·7 | 9·2 | ·300 | W.B. |
| | | | | | 38·7 | 1·99 | 1 | ... | | ·359 | L. |

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| Star's Name. | R.A. 1900. | | N.P.D. 1900. | | Position Angle. | Distance. | No. of Nights | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | m | ° | ′ | ° | ″ | | | | | |
| Σ 1647... ... | 12 | 25 | 79 | 44 | 45·3 | 1·55 | 2 | 7·5 | 7·8 | ·300 | W.B. |
| B.D + 2°·2550 | 12 | 26 | 87 | 20 | 289·0 | 1·44 | 1 | 8·5 | 8·8 | ·337 | W.B. |
| B.D + 23°·2471 | 12 | 28 | 66 | 26 | 136·0 | 1·15 | 1 | 8·8 | 9·0 | ·359 | L. |
| Hu. 571 ... | 12 | 28 | 69 | 27 | 76·0 | 0·29 | 1 | 8·8 | 8·8 | ·359 | L. |
| Σ 1658... ... | 12 | 30 | 82 | 0 | 0·6 | 2·38 | 1 | 8·5 | 10·0 | ·337 | W.B. |
| Ho. 537 ... | 12 | 30 | 55 | 17 | 185·1 | 1·03 | 1 | 8·0 | 10·0 | ·397 | L. |
| Σ 1661... ... | 12 | 31 | 78 | 3 | 239·6 | 2·56 | 2 | 8·5 | 8·5 | ·300 | W.B. |
| Σ 1663... ... | 12 | 32 | 68 | 15 | 99·9 | 0·62 | 2 | 7·8 | 8·7 | ·300 | W.B. |
| | | | | | 100·0 | 0·75 | 1 | ... | | ·359 | L. |
| Ho. 256 ... | 12 | 39 | 53 | 41 | 108·7 | 0·70 | 1 | 7·0 | 9·0 | ·397 | L. |
| Σ 1687... ... | 12 | 48 | 68 | 13 | 81·1 | 1·25 | 1 | 5·0 | 7·8 | ·422 | W.B. |
| | | | | | 79·2 | 1·58 | 1 | ... | | ·460 | H.F. |
| Ho. 538 ... | 12 | 52 | 68 | 27 | 121·0 | 2·55 | 1 | 8·7 | 12·0 | ·422 | W.B. |
| Σ 1711... ... | 12 | 58 | 75 | 59 | 347·0 | 0·82 | 3 | 8·5 | 9·0 | ·404 | W.B. |
| Ho. 257 ... | 13 | 1 | 63 | 34 | 154·5 | 2·24 | 3 | 8·8 | 8·9 | ·404 | W.B. |
| ✶ near OΣ 260 | 13 | 2 | 62 | 31 | 194·7 | 0·51 | 2 | 9·0 | 9·5 | ·454 | W.B. |
| OΣ 260... ... | 13 | 3 | 62 | 31 | 119·7 | 0·50 | 2 | 7·9 | 8·3 | ·418 | W.B. |
| Hu. 572 ... | 13 | 4 | 68 | 1 | 352·0 | 0·43 | 3 | 8·0 | 9·0 | ·442 | W.B. |
| Σ 1728... ... | 13 | 5 | 71 | 57 | 196·5 | 0·36 | 2 | 6·0 | 6·0 | ·395 | W.B. |
| | | | | | 199·2 | 0·47 | 1 | ... | | ·460 | H.F. |
| OΣ 261... ... | 13 | 7 | 57 | 23 | 344·9 | 1·60 | 2 | 6·9 | 7·4 | ·449 | W.B. |
| | | | | | 347·2 | 1·50 | 1 | ... | | ·460 | H.F. |
| β 800 ... ... | 13 | 12 | 72 | 27 | 109·6 | 3·04 | 2 | 7·1 | 10·2 | ·418 | W.B. |
| Σ 1734... ... | 13 | 16 | 86 | 32 | 190·7 | 1·28 | 2 | 7·2 | 7·9 | ·373 | W.B. |
| Σ 1742... ... | 13 | 19 | 88 | 5 | 351·7 | 1·17 | 2 | 7·4 | 7·9 | ·373 | W.B. |
| Ho. 260 ... | 13 | 19 | 60 | 15 | 326·3 | 0·86 | 1 | 8·3 | 8·5 | ·359 | L. |
| | | | | | 324·1 | 0·90 | 2 | ... | | ·454 | W.B. |
| Berlin (B.) 4789 | 13 | 22 | 69 | 1 | 302·6 | 1·69 | 2 | 9·1 | 9·5 | ·419 | W.B. |
| β 113 ... ... | 13 | 24 | 78 | 0 | 213·1 | 1·19 | 1 | 8·5 | 10·2 | ·460 | H.F. |
| Σ 1757... ... | 13 | 29 | 89 | 48 | 79·9 | 2·69 | 2 | 7·8 | 8·9 | ·373 | W.B. |
| Σ 1768... ... | 13 | 33 | 53 | 13 | 133·4 | 1·11 | 2 | 5·7 | 7·6 | ·418 | W.B. |
| β 801 ... ... | 13 | 42 | 78 | 40 | 326·5 | 2·63 | 1 | 8·1 | 10·9 | ·460 | H.F. |
| Σ 1785... ... | 13 | 45 | 62 | 31 | 293·4 | 1·58 | 2 | 7·2 | 7·5 | ·423 | W.B. |
| Σ 1808... ... | 14 | 6 | 62 | 56 | 76·6 | 2·80 | 2 | 8·0 | 9·0 | ·373 | W.B. |
| OΣ 278... ... | 14 | 8 | 45 | 1 | 94·5 | 0·26 | 3 | 7·5 | 7·5 | ·460 | W.B. |
| Ho. 57 B.C. ... | 14 | 9 | 47 | 7 | 319·2 | 0·77 | 2 | 8·0 | 13·0 | ·389 | L. |
| Σ 1819... ... | 14 | 10 | 86 | 24 | 355·5 | 1·31 | 1 | 7·9 | 8·0 | ·367 | W.B. |
| Ho. 545 ... | 14 | 30 | 59 | 44 | 317·2 | 0·65 | 3 | 8·3 | 8·3 | ·465 | W.B. |

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| Star's Name. | R.A. 1900. | N.P.D. 1900. | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|
| | h m | ° ′ | ° | ″ | | | | | |
| Σ 1865... | 14 36 | 75 51 | 145·7 | 0·36 | 3 | 3·5 | 3·9 | ·466 | W.B. |
| Σ 1867... | 14 36 | 58 17 | 13·8 | 1·26 | 4 | 7·7 | 8·2 | ·453 | W.B. |
| | | | 17·6 | 1·23 | 1 | ... | | ·460 | H.F. |
| Σ 1877... | 14 41 | 62 30 | 326·4 | 2·86 | 2 | 3·0 | 6·3 | ·373 | W.B. |
| OΣ 285... | 14 42 | 47 11 | 125·1 | 0·33 | 3 | 7·1 | 7·6 | ·494 | W.B. |
| Ho. 263 | 14 43 | 65 30 | 177·2 | 0·97 | 1 | 7·0 | 10·0 | ·509 | W.B. |
| Σ 1883... | 14 44 | 83 37 | 243·3 | 0·45 | 3 | 7·0 | 7·0 | ·471 | W.B. |
| Σ 1888... | 14 47 | 70 29 | 180·4 | 2·70 | 2 | 4·7 | 6·6 | ·373 | W.B. |
| OΣ 287... | 14 48 | 44 40 | 320·2 | 0·72 | 3 | 7·5 | 7·6 | ·494 | W.B. |
| β 31 A.B. | 14 48 | 70 51 | 193·5 | 1·57 | 3 | 8·4 | 9·7 | ·500 | W.B. |
| Ho. 389 | 14 48 | 69 18 | 95·7 | 1·60 | 2 | 7·0 | 9·3 | ·462 | W.B. |
| OΣ 288... | 14 49 | 73 53 | 188·7 | 1·78 | 2 | 6·4 | 7·1 | ·373 | W.B. |
| Σ 1908... | 15 1 | 55 9 | 147·5 | 1·72 | 2 | 8·2 | 9·2 | ·496 | W.B. |
| Ho. 60... | 15 10 | 54 44 | 36·5 | 0·32 | 2 | 7·5 | 7·6 | ·548 | W.B. |
| | | | 29·9 | 0·49 | 1 | ... | | ·545 | L. |
| * following Ho. 60 | 15 10 | 54 44 | 59·7 | 0·11 | 1 | ... | | ·490 | W.B. |
| Σ 1932... | 15 14 | 62 48 | 156·9 | 0·57 | 3 | 5·6 | 6·1 | ·434 | W.B. |
| Ho. 264 | 15 17 | 73 8 | 323·3 | 1·16 | 2 | 8·0 | 12·0 | ·538 | L. |
| Hu. 146 | 15 17 | 68 35 | 171·9 | 0·42 | 2 | 8·7 | 9·0 | ·538 | L. |
| Ho. 62... | 15 17 | 54 40 | 285·0 | 1·29 | 2 | 8·2 | 8·3 | ·492 | W.B. |
| Σ 1937... | 15 19 | 59 21 | 16·7 | 0·93 | 3 | 5·2 | 5·7 | ·466 | W.B. |
| Σ 1938... | 15 21 | 52 18 | 67·2 | 1·20 | 2 | 6·7 | 7·3 | ·459 | W.B. |
| Σ 1940... | 15 21 | 71 30 | 324·9 | 1·13 | 2 | 8·2 | 8·7 | ·548 | L. |
| Aitken 82 | 15 23 | 65 44 | 320·0 | 0·79 | 2 | 8·5 | 9·3 | ·519 | L. |
| Hu. 577 | 15 28 | 69 55 | 24·7 | 0·38 | 2 | 8·0 | 8·0 | ·538 | L. |
| Σ 1954... | 15 30 | 79 7 | 183·9 | 3·74 | 1 | 3·0 | 4·0 | ·367 | W.B. |
| | | | 189·2 | 4·02 | 1 | ... | | ·460 | H.F. |
| | | | 189·3 | 3·94 | 1 | ... | | ·468 | L. |
| OΣ 298... | 15 33 | 49 52 | 187·4 | 1·34 | 2 | 7·0 | 7·3 | ·486 | W.B. |
| Hu. 580 | 15 37 | 70 0 | 71·0 | 0·27 | 3 | 5·0 | 5·0 | ·466 | W.B. |
| β 619 ... | 15 39 | 76 2 | 7·2 | 0·47 | 2 | 6·5 | 7·0 | ·519 | L. |
| | | | 2·5 | 0·45 | 2 | ... | | ·496 | W.B. |
| Σ 1967... | 15 39 | 63 23 | 122·4 | 0·48 | 2 | 4·0 | 7·0 | ·496 | W.B. |
| OΣ 303... | 15 56 | 76 27 | 141·9 | 0·77 | 3 | 7·4 | 7·9 | ·500 | W.B. |
| Σ 2006 A B. | 16 0 | 30 47 | 202·2 | 1·76 | 1 | 7·5 | 9·2 | ·586 | L. |
| Σ 2011... | 16 4 | 60 44 | 72·2 | 2·21 | 1 | 7·2 | 9·8 | ·608 | W.B. |
| * near Ho. 551 | 16 9 | 63 5 | 142·9 | 2·61 | 2 | 7·0 | 11·5 | ·560 | L. |
| Σ 2021... | 16 9 | 76 12 | 335·5 | 3·86 | 1 | 6·7 | 6·9 | ·378 | W.B. |

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| Star's Name. | R.A. 1900. | N.P.D. 1900. | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|
| | h m | ° ′ | ° | ″ | | | | | |
| Σ 2021 .. ... | 16 9 | 76 12 | 334·9 | 3·89 | 1 | 6·7 | 6·9 | ·468 | L. |
| Σ 2027... ... | 16 10 | 85 29 | 79·8 | 1·68 | 1 | 8·2 | 8·2 | ·610 | H.F. |
| Σ 2026... ... | 16 11 | 82 23 | 205·3 | 0·77 | 2 | 8·6 | 9·1 | ·560 | L. |
| Σ 2035... ... | 16 14 | 63 54 | 35·3 | 2·46 | 1 | 8·7 | 10·9 | ·608 | W.B. |
| Hu. 481 ... | 16 17 | ... | 229·5 | 0·50 | 4 | ... | | ·511 | W.B. |
| | | | 227·3 | 0·35 | 1 | ... | | ·525 | L. |
| Hu. 482 ... | 16 18 | ... | 23·4 | 0·52 | 2 | ... | | ·538 | L. |
| Hu. 483 ... | 16 23 | ... | 205·6 | 0·26 | 2 | ... | | ·560 | L. |
| Σ 2052... ... | 16 25 | 71 23 | 90·6 | 1·60 | 1 | 7·5 | 7·5 | ·378 | W.B. |
| | | | 89·9 | 1·57 | 1 | ... | | ·468 | L. |
| Σ 2055 λ Ophiuchi | 16 26 | 87 48 | 58·6 | 1·30 | 2 | 4·0 | 6·1 | ·463 | W.B. |
| ΟΣ 313 ... | 16 29 | 49 40 | 337·0 | 0·75 | 1 | 7·2 | 7·8 | ·660 | L. |
| Σ 2062... ... | 16 30 | 81 7 | 116·8 | 2·50 | 1 | 8·3 | 10·0 | ·610 | H.F. |
| Σ 2067... ... | 16 30 | 50 52 | 300·1 | 2·59 | 1 | 8·5 | 10·0 | ·586 | L. |
| Hu. 486 ... | 16 35 | 67 4 | 144·3 | 1·16 | 3 | 9·0 | 10·0 | ·540 | L. |
| Σ 2084... ... | 16 38 | 58 13 | 190·2 | 1·36 | 3 | 3·0 | 6·5 | ·514 | W.B. |
| | | | 190·6 | 0·98 | 1 | ... | | ·550 | L. |
| Σ 2089... ... | 16 39 | 64 42 | 61·6 | 2·52 | 1 | 8·0 | 11·5 | ·525 | L. |
| Σ 2091... ... | 16 39 | 48 37 | 300·5 | 0·84 | 1 | 7·5 | 8·0 | ·659 | L. |
| Σ 2094... ... | 16 40 | 66 18 | 73·3 | 1·51 | 1 | 7·3 | 7·6 | ·525 | L. |
| De. 15 ... ... | 16 41 | 46 20 | 307·6 | 0·68 | 1 | 8·2 | 8·6 | ·659 | L. |
| β 43 ... ... | 16 43 | 87 5 | 245·6 | 0·90 | 1 | 8·2 | 8·3 | ·556 | H.F. |
| Hu. 666 ... | 16 43 | 66 49 | 200·2 | 0·62 | 1 | 8·7 | 12·5 | ·550 | L. |
| ΟΣ 315... ... | 16 46 | 88 37 | 158·5 | 0·70 | 1 | 6·2 | 8·1 | ·556 | H.F. |
| Σ 2107... ... | 16 48 | 61 10 | 344·7 | 0·40 | 3 | 6·5 | 8·0 | ·522 | W.B. |
| Σ 3107... ... | 16 54 | 85 53 | 95·1 | 1·58 | 1 | 8·5 | 8·5 | ·468 | L. |
| Σ 2117... ... | 16 56 | 38 3 | 102·7 | 1·57 | 1 | 8·4 | 10·6 | ·586 | L. |
| Σ 2114... ... | 16 57 | 81 24 | 161·7 | 1·19 | 2 | 6·2 | 7·4 | ·519 | L. |
| | | | 163·5 | 0·97 | 1 | ... | | ·556 | H.F. |
| Ho. 411 ... | 16 59 | 66 9 | 268·9 | 1·39 | 1 | 8·3 | 12·0 | ·468 | L. |
| Σ 2121... ... | 17 0 | 47 57 | 147·0 | 2·76 | 1 | 8·0 | 10·0 | ·586 | L. |
| Ho. 555 ... | 17 1 | 56 38 | 186·6 | 1·67 | 2 | 9·5 | 9·5 | ·558 | L. |
| Σ 2133... ... | 17 6 | 40 7 | 199·6 | 3·39 | 1 | 9·0 | 10·5 | ·586 | L. |
| Σ 2140 α Herculis | 17 10 | 75 30 | 114·8 | 4·77 | 1 | 3·0 | 6·1 | ·468 | L. |
| | | | 111·4 | 4·81 | 2 | ... | | ·526 | W.B. |
| Σ 2145 A.C. ... | 17 13 | 63 18 | 181·0 | 13·40 | 2 | 8·0 | 9·5 | ·498 | L. |
| | | | 179·8 | 13·54 | 1 | ... | | ·531 | W.B. |

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| Star's Name. | R.A. 1900. | | N.P.D. 1900. | | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | m | ° | ′ | ° | ″ | | | | | |
| Σ 2145 A.B. | 17 | 13 | 63 | 18 | 52·1 | 0·43 | 2 | 8·3 | 8·9 | ·498 | L. |
| | | | | | 44·1 | 0·38 | 2 | ... | | ·542 | W.B. |
| β 628 | 17 | 15 | 57 | 14 | 347·9 | 0·48 | 1 | 9·0 | 9·5 | ·568 | L. |
| β 629 | 17 | 15 | 57 | 50 | 338·9 | 0·94 | 1 | 8·2 | 9·0 | ·685 | L. |
| Ho. 415 | 17 | 19 | 64 | 9 | 328·1 | 1·48 | 2 | 8·0 | 8·7 | ·492 | W.B. |
| Ho. 414 | 17 | 19 | 63 | 49 | 87·5 | 0·69 | 2 | 8·4 | 8·8 | ·515 | W.B. |
| | | | | | 84·1 | 0·55 | 1 | ... | | ·525 | L. |
| β 46 | 17 | 19 | 76 | 31 | 198·3 | 1·97 | 2 | 8·0 | 11·0 | ·526 | W.B. |
| Hu. 671 | 17 | 20 | 68 | 0 | 266·0 | 0·43 | 3 | 8·4 | 9·0 | ·566 | W.B. |
| Σ 2163 | 17 | 20 | 47 | 47 | 92·7 | 1·53 | 1 | 9·2 | 9·2 | ·660 | L. |
| β 1250 | 17 | 21 | 59 | 9 | 72·3 | 1·91 | 3 | 9·4 | 9·5 | ·537 | W.B. |
| | | | | | 70·6 | 2·40 | 1 | ... | | ·545 | L. |
| Σ 2173 | 17 | 25 | 90 | 59 | 325·2 | 0·82 | 1 | 5·8 | 6·1 | ·537 | H.F. |
| β 631 | 17 | 35 | 90 | 36 | 54·9 | 0·46 | 1 | 7·5 | 7·6 | ·537 | H.F. |
| Σ 2196 | 17 | 37 | 68 | 48 | 262·3 | 3·66 | 2 | 9·2 | 11·2 | ·611 | W.B. |
| β 1251 | 17 | 38 | 74 | 0 | 61·6 | 1·27 | 3 | 6·0 | 11·5 | ·586 | W.B. |
| Σ 2203 | 17 | 38 | 48 | 18 | 317·0 | 0·65 | 1 | 7·5 | 7·8 | ·660 | L. |
| Σ 2210 | 17 | 40 | 40 | 57 | 122·2 | 3·25 | 1 | 8·5 | 10·0 | ·660 | L. |
| Ho. 560 | 17 | 40 | 56 | 0 | 94·7 | 0·52 | 3 | 8·0 | 8·0 | ·586 | W.B. |
| Σ 2205 | 17 | 40 | 72 | 14 | 306·9 | 2·06 | 2 | 8·3 | 8·7 | ·483 | W.B. |
| Σ 2214 B.C. | 17 | 40 | 46 | 13 | 149·3 | 1·56 | 1 | 8·8 | 10·3 | ·660 | L. |
| A.B. | | | | | 211·3 | 19·90 | 1 | 8·5 | 8·8 | ·660 | L. |
| Σ 2215 | 17 | 41 | 72 | 15 | 288·4 | 0·91 | 2 | 5·9 | 7·9 | ·483 | W.B. |
| Ho. 70 | 17 | 42 | 59 | 26 | 104·6 | 0·47 | 3 | 8·1 | 8·1 | ·586 | W.B. |
| A.C. 7 | 17 | 43 | 62 | 13 | 68·0 | 1·60 | 2 | 9·5 | 11·0 | ·573 | W.B. |
| Σ 2236 | 17 | 47 | 54 | 32 | 94·2 | 3·29 | 1 | 7·8 | 9·8 | ·690 | H.F. |
| | | | | | 96·1 | 2·88 | 1 | ... | | ·685 | L. |
| OΣ 338 | 17 | 47 | 74 | 39 | 19·3 | 0·65 | 3 | 6·6 | 6·9 | ·483 | W.B. |
| Σ 2238 | 17 | 47 | 52 | 17 | 285·6 | 2·24 | 1 | 9·2 | 9·7 | ·690 | H.F. |
| | | | | | 283·7 | 2·88 | 1 | ... | | ·685 | L. |
| Aitken 234 | 17 | 49 | 64 | 23 | 28·6 | 0·35 | 1 | 8·8 | 9·1 | ·674 | W.B. |
| A.C. 9 | 17 | 50 | 60 | 10 | 59·3 | 1·16 | 3 | 8·3 | 8·7 | ·518 | W.B. |
| Ho. 73 | 17 | 54 | 54 | 18 | 39·8 | 2·10 | 1 | 9·0 | 9·0 | ·679 | L. |
| Ho. 74 | 17 | 55 | 56 | 30 | 30·7 | 2·99 | 1 | 8·7 | 12·7 | ·660 | L. |
| Σ 2262 | 17 | 58 | 98 | 11 | 258·6 | 1·56 | 2 | 5·0 | 5·7 | ·547 | H.F. |
| Σ 2267 | 17 | 58 | 49 | 49 | 247·3 | 1·08 | 1 | 8·0 | 8·0 | ·452 | L. |
| Σ 2272 | 18 | 0 | 87 | 28 | 188·9 | 1·98 | 11 | 4·1 | 6·1 | ·528 | W.B. |
| OΣ 341 | 18 | 2 | 68 | 34 | 88·4 | 0·44 | 1 | 6·4 | 7·7 | ·537 | H.F. |

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| Star's Name. | R.A. 1900. | | N.P.D. 1900. | | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | m | ° | ′ | ° | ″ | | | | | |
| OΣ 341... ... | 18 | 2 | 68 | 34 | 87·6 | 0·40 | 2 | 6·4 | 7·7 | ·573 | W.B. |
| Σ 2282... ... | 18 | 3 | 49 | 39 | 271·5 | 2·50 | 1 | 7·2 | 8·2 | ·454 | L. |
| Σ 2281... ... | 18 | 5 | 86 | 1 | 237·7 | 0·34 | 2 | 6·7 | 7·2 | ·545 | W.B. |
| | | | | | 232·0 | 0·53 | 1 | ... | | ·557 | H.F. |
| Σ 2289... ... | 18 | 6 | 73 | 32 | 233·5 | 1·29 | 2 | 6·0 | 7·1 | ·485 | W.B. |
| Σ 2298... ... | 18 | 9 | 48 | 37 | 180·6 | 2·30 | 1 | 8·5 | 9·7 | ·690 | H.F. |
| Σ 2296... ... | 18 | 10 | 93 | 23 | 7·0 | 3·21 | 1 | 6·7 | 10·3 | ·613 | W.B. |
| B.D. + 21°·3386 | 18 | 16 | 68 | 43 | 190·8 | 1·43 | 4 | 9·0 | 9·2 | ·564 | W.B. |
| | | | | | 190·8 | 1·47 | 1 | ... | | ·539 | H.F. |
| A.C. | | | | | 9·5 | 13·24 | 2 | 9·0 | 12·0 | ·559 | W.B. |
| Ho. 430 ... | 18 | 17 | 69 | 33 | 193·0 | 2·44 | 3 | 8·5 | 9·0 | ·535 | W.B. |
| β 641 ... ... | 18 | 18 | 68 | 32 | 344·0 | 1·11 | 2 | 7·5 | 9·0 | ·526 | W.B. |
| Σ 2320... ... | 18 | 24 | 65 | 25 | 7·4 | 1·53 | 2 | 7·1 | 9·0 | ·526 | W.B. |
| Σ 2324... ... | 18 | 26 | 88 | 44 | 323·5 | 2·29 | 1 | 8·2 | 8·5 | ·695 | L. |
| Σ 2328... ... | 18 | 26 | 60 | 8 | 72·5 | 3·64 | 1 | 8·0 | 8·3 | ·707 | H.F. |
| OΣ 354 ... | 18 | 27 | 83 | 17 | 174·7 | 0·91 | 1 | 7·2 | 8·0 | ·695 | L. |
| Σ 2339... ... | 18 | 29 | 72 | 21 | 273·5 | 2·41 | 1 | 7·2 | 8·0 | ·695 | L. |
| Σ 2344... ... | 18 | 31 | 61 | 21 | 174·9 | 1·73 | 2 | 8·5 | 12·0 | ·801 | W.B. |
| OΣ 357 ... | 18 | 31 | 78 | 21 | 230·8 | 0·40 | 3 | 7·5 | 7·6 | ·544 | W.B. |
| OΣ 358 ... | 18 | 31 | 73 | 6 | 12·4 | 1·90 | 2 | 6·8 | 7·2 | ·526 | W.B. |
| | | | | | 12·7 | 2·05 | 1 | ... | | ·695 | L. |
| Σ 2349... ... | 18 | 33 | 56 | 37 | 204·9 | 1·28 | 1 | 5·5 | 10·7 | ·737 | L. |
| Σ 2352... ... | 18 | 33 | 55 | 14 | 284·9 | 3·27 | 1 | 7·3 | 10·3 | ·737 | L. |
| Σ 2356... ... | 18 | 34 | 61 | 23 | 54·9 | 0·97 | 2 | 8·0 | 9·0 | ·526 | W.B. |
| * with Σ 2356 | 18 | 35 | 61 | 22 | 253·4 | 1·40 | 1 | 9·0 | 9·0 | ·520 | W.B. |
| Σ 2358... ... | 18 | 35 | 59 | 22 | 221·8 | 2·68 | 1 | 8·8 | 9·0 | ·767 | H.F. |
| Σ 2360... ... | 18 | 35 | 69 | 9 | 3·5 | 2·53 | 1 | 7·5 | 8·7 | ·767 | H.F. |
| Σ 2362... ... | 18 | 35 | 54 | 3 | 181·3 | 3·94 | 1 | 7·1 | 8·1 | ·767 | H.F. |
| Σ 2367 A.B. ... | 18 | 37 | 59 | 48 | 81·8 | 0·30 | 1 | 7·0 | 7·5 | ·737 | L. |
| A.C. ... | | | | | 191·1 | 14·13 | 1 | 7·0 | 8·2 | ·737 | L. |
| Σ 2368... ... | 18 | 37 | 37 | 45 | 329·2 | 1·86 | 1 | 7·2 | 8·4 | ·821 | W.B. |
| Ho. 437 A.B.... | 18 | 37 | 58 | 27 | 299·6 | 0·36 | 1 | 8·3 | 8·5 | ·737 | L. |
| C.D.... | | | | | 338·9 | 3·46 | 1 | 11·2 | 11·7 | ·737 | L. |
| * ... ... | 18 | 37 | 58 | 31 | 163·7 | 2·97 | 1 | 7·5 | 10·0 | ·737 | L |
| Σ 2369... ... | 18 | 39 | 87 | 29 | 92·3 | 0·91 | 2 | 7·5 | 8·0 | ·584 | H.F. |
| Σ 2375... ... | 18 | 41 | 84 | 36 | 113·8 | 2·14 | 2 | 6·2 | 6·6 | ·548 | H.F. |
| | | | | | 114·6 | 2·52 | 1 | ... | | ·821 | W.B. |
| Σ 2400 B.C. ... | 18 | 44 | 73 | 52 | 39·8 | 0·71 | 1 | 10·6 | 11·0 | ·737 | L. |

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| Star's Name. | R.A. 1900. | N.P.D. 1900. | Position Angle. | Distance. | No. of Nights. | Mags. | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|
| | h m | ° ′ | ° | ″ | | | | |
| Σ 2400 A.B. | 18 44 | 73 52 | 179·2 | 2·60 | 1 | 8·1 10·6 | ·737 | L. |
| A.C. | | | 181·5 | 3·41 | 1 | 8·1 11·0 | ·737 | L. |
| Σ 2402 | 18 45 | 79 26 | 25·7 | 1·10 | 2 | 8·0 8·4 | ·575 | H.F. |
| | | | 28·5 | 0·97 | 2 | ... | ·605 | W.B. |
| Ho. 89 | 18 50 | 52 39 | 168·8 | 0·43 | 1 | 8·0 12·0 | ·737 | L. |
| β 137 | 18 51 | 52 45 | 133·1 | 1·35 | 1 | 8·3 8·5 | ·737 | L. |
| Σ 2422 | 18 53 | 64 2 | 89·4 | 0·78 | 2 | 7·6 7·7 | ·545 | W.B. |
| | | | 95·0 | 0·74 | 1 | ... | ·539 | H.F. |
| Σ 2437 | 18 58 | 70 58 | 60·7 | 0·82 | 2 | 7·8 8·0 | ·603 | W.B. |
| | | | 60·0 | 0·84 | 1 | ... | ·539 | H.F. |
| Σ 2448 | 19 0 | 54 28 | 191·0 | 2·45 | 1 | 8·2 8·2 | ·767 | H.F. |
| Ho. 95 | 19 2 | 62 52 | 221·9 | 0·42 | 3 | 8·0 8·0 | ·606 | W.B. |
| Σ 2455 | 19 3 | 67 59 | 75·8 | 3·54 | 1 | 7·2 8·3 | ·539 | H.F. |
| | | | 72·7 | 3·51 | 1 | ... | ·591 | W.B. |
| Ho. 444 | 19 5 | 63 13 | 75·8 | 1·31 | 3 | 8·4 10·0 | ·617 | W.B. |
| β 1204 A.B. | 19 7 | 87 33 | 3·6 | 0·37 | 1 | 7·7 8·5 | ·557 | H.F. |
| Ho. 101 | 19 9 | 59 10 | 105·8 | 1·95 | 1 | 9·3 10·0 | ·512 | L. |
| Σ 2488 | 19 11 | 70 9 | 329·0 | 1·56 | 2 | 8·5 9·7 | ·545 | W.B. |
| ΟΣ 368 | 19 12 | 74 1 | 216·5 | 0·85 | 2 | 7·3 8·5 | ·594 | W.B. |
| ΟΣ 371 | 19 12 | 62 43 | 156·6 | 0·71 | 3 | 6·8 6·9 | ·599 | W.B. |
| Ho. 576 | 19 16 | 83 22 | 181·3 | 3·85 | 1 | 7·0 10·7 | ·610 | H.F. |
| Σ 2525 | 19 23 | 62 52 | 311·7 | 0·56 | 4 | 7·4 7·6 | ·626 | W.B. |
| Σ 2536 | 19 27 | 72 26 | 78·0 | 1·83 | 1 | 8·0 11·0 | ·627 | L. |
| ΟΣ 375 | 19 30 | 72 6 | 151·9 | 0·58 | 3 | 7·2 8·4 | ·617 | W.B. |
| | | | 154·1 | 0·52 | 1 | ... | ·627 | L. |
| Σ 2544 A.B. | 19 32 | 81 55 | 210·7 | 0·94 | 1 | 7·8 9·5 | ·610 | H.F. |
| | | | 206·7 | 1·01 | 1 | ... | ·627 | L. |
| β 658 | 19 40 | 63 7 | 285·6 | 0·52 | 1 | 6·5 9·5 | ·627 | L. |
| Σ 2583 | 19 44 | 78 26 | 114·4 | 1·21 | 1 | 6·0 6·8 | ·819 | H.F. |
| Σ 2584 | 19 44 | 68 5 | 296·8 | 2·06 | 1 | 8·5 8·5 | ·525 | L. |
| Σ 2586 | 19 44 | 65 16 | 224·8 | 3·75 | 1 | 7·3 10·2 | ·525 | L. |
| ΟΣ 387 | 19 45 | 54 58 | 327·2 | 0·53 | 4 | 7·2 8·2 | ·697 | W.B. |
| Σ 2585 A.C. | 19 45 | 71 6 | 310·2 | 8·56 | 5 | 5·7 8·8 | ·617 | W.B. |
| A.G.C. 11 A.B. | | | 154·3 | 0·21 | 2 | 5·7 6·2 | ·807 | W.B. |
| Ho. 580 | 19 48 | 67 48 | 272·3 | 0·69 | 3 | 8·0 8·1 | ·579 | W.B. |
| Σ 2596 | 19 49 | 74 59 | 327·7 | 1·95 | 1 | 7·2 8·6 | ·819 | H.F. |
| Σ 2597 | 19 50 | 97 0 | 89·1 | 1·40 | 1 | 6·9 8·0 | ·610 | H.F. |
| Σ 2600 | 19 51 | 67 46 | 56·7 | 3·21 | 2 | 8·3 9·7 | ·545 | W.B. |

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| Star's Name. | R.A. 1900. | N.P.D. 1900. | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|
| | h m | ° ′ | ° | ″ | | | | | |
| Σ 2600... ... | 19 51 | 67 46 | 58·5 | 3·10 | 2 | 8·3 | 9·7 | ·541 | L. |
| B.D. + 24°·3798 A.B. ... | 19 54 | 68 8 | 276·9 | 1·25 | 2 | 9·0 | 10·4 | ·541 | L. |
| | | | 277·7 | 1·50 | 2 | ... | | ·641 | W.B. |
| A.C. 16 ... | 19 54 | 63 1 | 61·1 | 0·36 | 1 | 7·8 | 8·2 | ·512 | L. |
| Ho. 583 ... | 19 55 | 68 10 | 257·0 | 1·54 | 1 | 9·0 | 10·7 | ·630 | W.B. |
| | | | 263·6 | 2·02 | 1 | ... | | ·512 | L. |
| | | | 279·5 | 2·00 | 1 | ... | | ·512 | L. |
| | | | 294·4 | 2·44 | 1 | ... | | ·512 | L. |
| Σ 2606... ... | 19 55 | 57 0 | 136·9 | 1·12 | 1 | 7·5 | 8·2 | ·737 | L |
| Σ 2607 A.C. ... | 19 55 | 48 0 | 293·3 | 3·18 | 1 | 7·2 | 9·2 | ·512 | L. |
| OΣ 392 A.B. ... | | | 305·4 | 0·33 | 1 | 7·2 | 9·0 | ·512 | L. |
| OΣ 395 ... | 19 58 | 65 21 | 99·8 | 0·64 | 3 | 5·8 | 6·2 | ·580 | W.B. |
| Σ 2616... ... | 19 58 | 75 42 | 254·8 | 3·47 | 1 | 6·8 | 9·7 | ·873 | W.B. |
| Σ 2620... ... | 19 59 | 78 30 | 293·4 | 1·86 | 1 | 8·2 | 9·3 | ·868 | L. |
| Σ 2624... ... | 20 0 | 54 15 | 174·4 | 1·99 | 1 | 7·2 | 7·8 | ·912 | W.B. |
| Σ 2626... ... | 20 0 | 59 45 | 125·8 | 1·23 | 1 | 8·0 | 8·2 | ·923 | W.B. |
| β 57 ... ... | 20 1 | 74 47 | 122·4 | 2·12 | 1 | 6·7 | 11·3 | ·868 | L. |
| Σ 2627... ... | 20 2 | 85 32 | 30·5 | 3·91 | 1 | 9·0 | 11·5 | ·868 | L. |
| OΣ 398 ... | 20 4 | 54 34 | 76·4 | 0·98 | 1 | 7·3 | 9·8 | ·512 | L. |
| Σ 2651... ... | 20 9 | 74 9 | 109·5 | 1·40 | 1 | 8·0 | 8·0 | ·873 | W.B. |
| Σ 2665... ... | 20 15 | 75 57 | 19·1 | 3·28 | 1 | 6·5 | 9·2 | ·873 | W.B. |
| Σ 2666... ... | 20 15 | 49 35 | 246·5 | 2·53 | 1 | 6·5 | 8·7 | ·901 | H.F. |
| Σ 2668... ... | 20 17 | 50 56 | 288·2 | 3·30 | 1 | 7·0 | 9·2 | ·923 | W.B. |
| Ho. 457 A.B. ... | 20 21 | 60 58 | 61·0 | 1·96 | 2 | 8·1 | 8·1 | ·545 | W.B. |
| β 670 ... ... | 20 28 | 76 24 | 41·9 | 0·50 | 2 | 8·5 | 8·9 | ·701 | W.B. |
| Σ 2695... ... | 20 28 | 64 32 | 76·4 | 1·05 | 2 | 6·2 | 8·0 | ·545 | W.B. |
| β 151 A.B. ... | 20 32 | 75 45 | 38·9 | 0·24 | 4 | 4·7 | 6·1 | ·700 | W.B. |
| | | | 34·3 | 0·35 | 1 | ... | | ·818 | H.F. |
| | | | 47·5 | 0·29 | 1 | ... | | ·871 | L. |
| Σ 2702... ... | 20 32 | 55 11 | 204·8 | 3·34 | 1 | 8·5 | 8·7 | ·901 | H.F. |
| Σ 2705... ... | 20 34 | 56 59 | 264·8 | 3·04 | 1 | 7·1 | 8·1 | ·912 | W.B. |
| Σ 2723... ... | 20 40 | 78 3 | 99·6 | 1·44 | 1 | 6·4 | 8·2 | ·873 | W.B. |
| Berlin Zone ... | 20 41 | 65 40 | 357·2 | 1·95 | 2 | 9·0 | 9·1 | ·545 | W.B. |
| OΣ 413 ... | 20 44 | 53 53 | 64·0 | 0·59 | 1 | 5·0 | 6·3 | ·912 | L. |
| Σ 2739... ... | 20 55 | 70 20 | 254·0 | 3·05 | 3 | 8·3 | 8·8 | ·782 | W.B. |
| Σ 2744... ... | 20 58 | 88 52 | 163·3 | 1·45 | 2 | 6·3 | 7·0 | ·667 | W.B. |
| | | | 164·4 | 1·40 | 2 | ... | | ·816 | H.F. |
| Σ 2746... ... | 20 58 | 51 8 | 293·2 | 1·08 | 2 | 8·0 | 8·6 | ·922 | L. |

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| Star's Name | | R.A. 1900. | | N.P.D. 1900. | | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | h | m | ° | ′ | ° | ″ | | | | | |
| Hu. 691 | ... | 21 | 3 | 55 | 30 | 318·7 | 0·25 | 1 | 8·5 | 9·0 | ·742 | L. |
| Σ 2762... | ... | 21 | 4 | 60 | 12 | 309·6 | 3·41 | 2 | 6·0 | 8·0 | ·775 | W.B. |
| | | | | | | 310·8 | 3·39 | 1 | ... | | ·745 | L. |
| Σ 2765... | ... | 21 | 6 | 80 | 51 | 86·8 | 2·88 | 1 | 7·8 | 8·0 | ·737 | L. |
| Σ 2767... | ... | 21 | 6 | 70 | 27 | 30·4 | 2·35 | 2 | 7·8 | 8·2 | ·821 | W.B. |
| Ho. 152 | ... | 21 | 8 | 62 | 4 | 321·0 | 0·43 | 1 | 8·6 | 9·2 | ·742 | L. |
| OΣ 535 A.B. | ... | 21 | 10 | 80 | 24 | 20·4 | 0·26 | 4 | 4·1 | 4·1 | ·692 | W.B. |
| | | | | | | 23·2 | 0·31 | 4 | ... | | ·816 | L. |
| | | | | | | 21·2 | 0·35 | 2 | ... | | ·842 | H.F. |
| OΣ 430 | ... | 21 | 7 | 66 | 15 | 203·1 | 1·47 | 1 | 7·8 | 9·8 | ·742 | L. |
| Σ 2785... | ... | 21 | 14 | 50 | 40 | 236·8 | 3·23 | 1 | 8·1 | 10·0 | ·912 | L. |
| OΣ 437 | ... | 21 | 17 | 57 | 58 | 43·2 | 1·78 | 1 | 6·5 | 7·2 | ·780 | W.B. |
| Σ 2797... | ... | 21 | 22 | 76 | 45 | 217·1 | 3·16 | 2 | 6·7 | 8·2 | ·827 | W.B. |
| Σ 2799... | ... | 21 | 24 | 79 | 21 | 297·7 | 1·43 | 2 | 6·6 | 6·6 | ·614 | W.B. |
| Σ 2802... | ... | 21 | 28 | 56 | 38 | 188·8 | 3·40 | 1 | 8·0 | 8·0 | ·912 | L. |
| Σ 2804... | ... | 21 | 28 | 69 | 44 | 335·6 | 2·74 | 2 | 7·3 | 8·0 | ·562 | W.B. |
| β 167 ... | ... | 21 | 32 | 60 | 24 | 95·4 | 1·90 | 1 | 7·0 | 12·0 | ·742 | L. |
| OΣ 445 | ... | 21 | 35 | 69 | 44 | 293·7 | 0·72 | 1 | 8·0 | 8·5 | ·742 | L. |
| OΣ 448 | ... | 21 | 37 | 61 | 7 | 236·5 | 2·10 | 1 | 7·7 | 8·7 | ·742 | L. |
| Σ 2822 A.B. | ... | 21 | 40 | 61 | 42 | 121·0 | 2·17 | 2 | 4·0 | 5·0 | ·655 | W.B. |
| β 989 A.B. | ... | 21 | 40 | 64 | 49 | 124·8 | 0·26 | 4 | 3·9 | 4·4 | ·816 | L. |
| | | | | | | 121·2 | 0·16 | 3 | ... | | ·829 | W.B. |
| Σ 2824 $\frac{\text{A.B.}}{2}$ & C. | | ... | | ... | | 297·4 | 12·62 | 2 | 3·9 | 10·8 | ·845 | W.B. |
| Ho. 166 | ... | 21 | 40 | 62 | 37 | 82·5 | 0·39 | 3 | 7·5 | 7·5 | ·791 | L. |
| Berlin (B.) 8379 | | 21 | 41 | 68 | 31 | 359·7 | 1·97 | 2 | 9·2 | 9·5 | ·562 | W.B. |
| Ho. 608 | ... | 21 | 42 | 63 | 10 | 126·5 | 0·55 | 2 | 8·2 | 9·7 | ·741 | L. |
| Ho. 171 | ... | 21 | 48 | 62 | 40 | 175·8 | 0·52 | 4 | 8·2 | 8·2 | ·664 | W.B. |
| Ho. 609 | ... | 21 | 51 | 60 | 45 | 354·6 | 3·47 | 1 | 9·5 | 9·8 | ·868 | L. |
| Σ 2849... | ... | 21 | 53 | 70 | 15 | 257·2 | 1·14 | 1 | 8·2 | 10·7 | ·912 | L. |
| Σ 2850... | ... | 21 | 55 | 66 | 32 | 257·7 | 2·87 | 1 | 7·2 | 11·2 | ·868 | L. |
| Ho. 610 | ... | 21 | 57 | 63 | 38 | 242·4 | 0·82 | 2 | 9·0 | 9·2 | ·803 | L. |
| Σ 2854... | ... | 21 | 59 | 76 | 51 | 84·5 | 2·64 | 2 | 7·7 | 8·0 | ·789 | W.B. |
| Σ 2859... | ... | 22 | 1 | 69 | 55 | 339·3 | 3·56 | 1 | 9·0 | 9·8 | ·868 | L. |
| Σ 2868... | ... | 22 | 5 | 67 | 56 | 357·9 | 1·01 | 2 | 8·3 | 8·8 | ·789 | W.B. |
| Berlin (B.) 8568 | | 22 | 10 | 68 | 33 | 21·1 | 2·47 | 2 | 8·8 | 9·8 | ·584 | W.B. |
| Σ 2881... | ... | 22 | 10 | 60 | 55 | 97·9 | 1·51 | 2 | 7·7 | 8·2 | ·789 | W.B. |
| Σ 2882... | ... | 22 | 10 | 52 | 45 | 327·8 | 2·63 | 1 | 9·2 | 9·2 | ·912 | L. |
| Σ 2889... | ... | 22 | 12 | 64 | 14 | 189·5 | 2·02 | 2 | 8·2 | 10·8 | ·946 | W.B |

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| Star's Name. | R.A. 1900. | | N.P.D. 1900. | | Position Angle. | Distance. | No. of Nights. | Mags. | | Epoch 1903. | Obs. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | m | ° | ′ | ° | ″ | | | | | |
| Σ 2900... ... | 22 | 19 | 69 | 39 | 184·1 | 1·68 | 1 | 6·0 | 9·2 | ·742 | L. |
| Ho. 183 ... | 22 | 20 | 67 | 56 | 219·3 | 2·36 | 1 | 8·2 | 11·6 | ·742 | L. |
| Σ 2905... ... | 22 | 22 | 75 | 22 | 283·8 | 3·12 | 1 | 8·5 | 8·5 | ·920 | H.F. |
| Σ 2906... ... | 22 | 22 | 53 | 4 | 3·8 | 3·83 | 1 | 7·0 | 10·6 | ·912 | L. |
| Σ 2929... ... | 22 | 34 | 79 | 59 | 1·2 | 1·36 | 1 | 9·0 | 9·5 | ·920 | H.F. |
| Ho. 296 ... | 22 | 36 | 75 | 59 | 61·8 | 0·46 | 2 | 5·5 | 5·5 | ·807 | W.B. |
| Σ 2934... ... | 22 | 37 | 69 | 5 | 150·8 | 0·83 | 1 | 8·2 | 9·2 | ·873 | W.B. |
| Σ 2958... ... | 22 | 52 | 78 | 41 | 5·5 | 3·67 | 1 | 7·2 | 9·5 | ·969 | W.B. |
| Σ 2968... ... | 22 | 56 | 59 | 27 | 92·6 | 3·49 | 1 | 7·0 | 9·5 | ·912 | L. |
| Σ 2969... ... | 22 | 56 | 63 | 46 | 31·1 | 3·76 | 1 | 8·0 | 9·9 | ·912 | L. |
| Berlin (B.) 8840 | 22 | 59 | 67 | 23 | 231·3 | 1·61 | 2 | 9·0 | 9·5 | ·857 | W.B. |
| Σ 2974... ... | 23 | 0 | 57 | 10 | 162·1 | 2·44 | 1 | 8·0 | 8·0 | ·912 | L. |
| Σ 2979... ... | 23 | 3 | 50 | 44 | 225·6 | 3·19 | 1 | 8·0 | 10·0 | ·958 | H.F. |
| Σ 2989... ... | 23 | 8 | 70 | 33 | 144·9 | 1·72 | 1 | 8·5 | 9·9 | ·969 | W.B. |
| Σ 2990... ... | 23 | 8 | 68 | 28 | 63·6 | 2·18 | 2 | 8·5 | 8·5 | ·946 | W.B. |
| Σ 3000... ... | 23 | 14 | 65 | 20 | 53·4 | 3·55 | 2 | 8·7 | 8·8 | ·983 | W.B. |
| Σ 3012... ... | 23 | 23 | 73 | 55 | 193·6 | 2·92 | 1 | 8·7 | 8·8 | ·969 | W.B. |
| | | | | | 193·9 | 2·62 | 1 | ... | | ·997 | H.F. |
| Σ 3013... ... | 23 | 23 | 73 | 55 | 277·7 | 3·15 | 1 | 7·8 | 9·3 | ·969 | W.B. |
| | | | | | 278·2 | 2·98 | 1 | ... | | ·997 | H.F. |
| Σ 3015... ... | 23 | 23 | 56 | 59 | 190·8 | 3·07 | 1 | 8·7 | 8·8 | ·997 | H.F. |
| Σ 3020... ... | 23 | 26 | 71 | 46 | 108·0 | 1·82 | 1 | 7·7 | 9·7 | ·969 | W.B. |
| Σ 3023... ... | 23 | 27 | 73 | 9 | 282·3 | 2·05 | 1 | 7·0 | 9·7 | ·969 | W.B. |
| Σ 3026... ... | 23 | 31 | 61 | 39 | 277·8 | 3·56 | 1 | 8·8 | 9·3 | ·969 | W.B. |
| Σ 3041... ... | 23 | 43 | 73 | 29 | 178·9 | 3·48 | 2 | 8·1 | 8·1 | ·946 | W.B. |